

Gly Gln Ala Pro Glu Ile Tyr Val Ala Gly Gly Trp Pro Glu Val  
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Arg Gln Glu Ala Glu Arg Leu Leu Ala Val Thr Gly Ala Ala Phe Gly  
 225 230 235 240

Ala Thr Pro Gln Pro Thr Tyr Leu Asp Ser Pro Val Leu Asp Gly Leu  
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Ala Ala Leu Ala Ala Gln Gly Ala Pro Thr Ala  
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 Tyr His Asp Gly Lys Leu Glu Tyr His Trp Arg Ile Glu Thr Ser Arg  
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cat aaa aca gaa gat gag ttt ggg atg att ttg cgc tcc tta ttt gat 144  
 His Lys Thr Glu Asp Glu Phe Gly Met Ile Leu Arg Ser Leu Phe Asp  
 35 40 45

cac tcc ggg ctt atg ttt gaa cag ata gat ggc att att att tcg tca 192  
 His Ser Gly Leu Met Phe Glu Gln Ile Asp Gly Ile Ile Ser Ser  
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gta gtg ccg cca atc atg ttt gcg tta gaa aga atg tgc aca aaa tac 240  
 Val Val Pro Pro Ile Met Phe Ala Leu Glu Arg Met Cys Thr Lys Tyr  
 65 70 75 80

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 Phe His Ile Glu Pro Gln Ile Val Gly Pro Gly Met Lys Thr Gly Leu  
 85 90 95

aat ata aaa tat gac aat ccg aaa gaa gta ggg gca gac aga atc gta 336  
 Asn Ile Lys Tyr Asp Asn Pro Lys Glu Val Gly Ala Asp Arg Ile Val  
 100 105 110

aat gct gtc gct gcg ata cac ttg tac ggc aat cca tta att gtt gtc 384  
 Asn Ala Val Ala Ala Ile His Leu Tyr Gly Asn Pro Leu Ile Val Val  
 115 120 125

gat ttc gga acc gcc aca acg tac tgc tat att gat gaa aac aaa caa 432  
 Asp Phe Gly Thr Ala Thr Thr Tyr Cys Tyr Ile Asp Glu Asn Lys Gln  
 130 135 140

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 Tyr Met Gly Gly Ala Ile Ala Pro Gly Ile Thr Ile Ser Thr Glu Ala

145	150	155	160	
ctt tac tcg cgt gca gca aag ctt cct cgt atc gaa atc acc cgg ccc Leu Tyr Ser Arg Ala Ala Lys Leu Pro Arg Ile Glu Ile Thr Arg Pro				528
165	170	175		
gac aat att atc gga aaa aac act gtt agc gcg atg caa tct gga att Asp Asn Ile Ile Gly Lys Asn Thr Val Ser Ala Met Gln Ser Gly Ile				576
180	185	190		
tta ttt ggc tat gtc ggc caa gtg gaa gga atc gtt aag cga atg aaa Leu Phe Gly Tyr Val Gly Gln Val Glu Gly Ile Val Lys Arg Met Lys				624
195	200	205		
tgg cag gca aaa cag gac ctc aag gtc att gcg aca gga ggc ctg gcg Trp Gln Ala Lys Gln Asp Leu Lys Val Ile Ala Thr Gly Gly Leu Ala				672
210	215	220		
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225	230	235	240	
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35	40	45		
gaa gaa gtg gag acg atc tat att ccg ctt gtt cgc ttg ctt cat tta Glu Glu Val Glu Thr Ile Tyr Ile Pro Leu Val Arg Leu Leu His Leu				192
50	55	60		
cat gtc aag tct gcg gct gaa cgc aat aag cat gtc aat gtt ttt ttg His Val Lys Ser Ala Ala Glu Arg Asn Lys His Val Asn Val Phe Leu				240
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Lys His Pro His Ser Ala Lys Ile Pro Phe Ile Ile Gly Ile Ala Gly			
85	90	95	
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Ser Val Ala Val Gly Lys Ser Thr Thr Ala Arg Ile Leu Gln Lys Leu			
100	105	110	
ctt tcg cgt ttgcct gac cgt cca aaa gtg agc ctt atc acg aca gat			384
Leu Ser Arg Leu Pro Asp Arg Pro Lys Val Ser Leu Ile Thr Thr Asp			
115	120	125	
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Gly Phe Leu Phe Pro Thr Ala Glu Leu Lys Lys Asn Met Met Ser			
130	135	140	
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Arg Lys Gly Phe Pro Glu Ser Tyr Asp Val Lys Ala Leu Leu Glu Phe			
145	150	155	160
ttg aat gac tta aaa tca gga aag gac agc gta aag gcc ccgtatc			528
Leu Asn Asp Leu Lys Ser Gly Lys Asp Ser Val Lys Ala Pro Val Tyr			
165	170	175	
tcc cat cta acc tat gac cgc gag gaa ggt gtgttc gag gtt gta gaa			576
Ser His Leu Thr Tyr Asp Arg Glu Glu Gly Val Phe Glu Val Val Glu			
180	185	190	
cag gcg gat att gtg att att gaa ggc att aat gtt ctt cag tcg ccc			624
Gln Ala Asp Ile Val Ile Ile Glu Gly Ile Asn Val Leu Gln Ser Pro			
195	200	205	
acc ttg gag gat gac cgg gaa aac ccg cgt att ttt gtt tcc gat ttc			672
Thr Leu Glu Asp Asp Arg Glu Asn Pro Arg Ile Phe Val Ser Asp Phe			
210	215	220	
ttt gat ttt tcg att tat gtg gat gcg gag gaa agc cgg att ttc act			720
Phe Asp Phe Ser Ile Tyr Val Asp Ala Glu Glu Ser Arg Ile Phe Thr			
225	230	235	240
tgg tat tta gag cgt ttt cgc ctg ctt cgg gaa aca gct ttt caa aat			768
Trp Tyr Leu Glu Arg Phe Arg Leu Leu Arg Glu Thr Ala Phe Gln Asn			
245	250	255	
cct gat tca tat ttt cat aaa ttt aaa gac ttg tcc gat cag gag gct			816
Pro Asp Ser Tyr Phe His Lys Phe Lys Asp Leu Ser Asp Gln Glu Ala			
260	265	270	
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Asp Glu Met Ala Ala Ser Ile Trp Glu Ser Val Asn Arg Pro Asn Leu			
275	280	285	
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Tyr Glu Asn Ile Leu Pro Thr Lys Phe Arg Ser Asp Leu Ile Leu Arg			
290	295	300	
aag gga gac ggg cat aag gtc gag gaa gtg ttg gta agg agg gta tga			960
Lys Gly Asp Gly His Lys Val Glu Glu Val Leu Val Arg Arg Val			
305	310	315	